



## State of Utah

### Department of Natural Resources

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### Division of Oil, Gas & Mining

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*Lieutenant Governor*

July 20, 2005

CERTIFIED RETURN RECEIPT  
7002 0510 0003 8603 4360

Tom Newman  
Holcim (US Inc.)  
6055 East Croydon Road  
Morgan, Utah 84050

Subject: Second Review of Notice of Intention to Commence Large Mining Operations, Holcim (US Inc.), Poverty Point Limestone Quarry, M/045/012, Tooele County, Utah

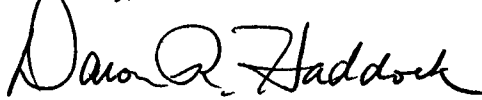
Dear Mr. Newman:

The Division has completed a review of your draft response to the Division's initial technical review sent to you on April 11, 2005 for the Poverty Point Limestone Quarry, located in Tooele County, Utah. Your response was received April 18, 2005. After reviewing the latest information, the Division has the following comments which need to be addressed before tentative approval may be granted.

The comments are listed below under the applicable Minerals Rule heading. Format your response in a similar fashion. **Address only those items requested in the attached technical review by sending replacement pages of the original notice using redline and strikeout text.** Please provide a response to this review by August 22, 2005.

The Division will suspend further review of the Notice until your response is received. If you have any questions in this regard please contact me or Tom Munson of the Minerals Staff. If you wish to arrange a meeting to discuss this review, please contact us at your earliest convenience. Thank you for your cooperation in completing this permitting action.

Sincerely,

*Sor*   
Susan M. White  
Mining Program Coordinator  
Minerals Regulatory Program

SMW:tm:jb  
Attachment: Review  
cc: John Blake, SITLA (ML-49442-OBA)  
O:\M045-Tooele\M0450012-PovertyPoint\Final2ndREV-07202005.doc

**SECOND REVIEW OF NOTICE OF INTENTION TO COMMENCE  
LARGE MINING OPERATIONS**

**Holcim (US Inc.)  
Poverty Point Limestone Quarry**

**M/045/012  
July 12, 2005**

**R647-4-104 - Operator's, Surface and Mineral Ownership**

The road disturbance in Section 21 should be included in the total area affected by this operation. (DJ)

**R647-4-105 - Maps, Drawings & Photographs**

**105.2 Surface facilities map**

The plan contains map 105.2 – Surface Facilities Map which does not show any surface facilities. A general location map of these facilities is shown on maps 105.1 & 105.3. The surface facilities map should be of sufficient scale to show the general layout of the surface facilities to be placed on the site (crusher components including belts, stockpiles, water tanks, etc). A scale of 1"=100' or larger is suggested. (DJ)

**R647-4-106 - Operation Plan**

**106.2 Type of operations conducted, mining method, processing etc.**

The Utah Division of Air Quality states that they presently do not have an air quality permit issued to this quarry. Holcim has performed mining and reclamation activities every year since 1980; however, the crusher has not been operating onsite every year. The air quality permit is void because it was not operated every year. A new air quality permit this operation is required. (DJ)

**106.3 Estimated acreages disturbed, reclaimed, annually.**

The total estimated acres disturbed during this operation should be shown as 43.6 acres not 42.2. The access road on BLM land should be considered when stating the total area of the proposed operation. (DJ)

**106.4 Nature of materials mined, waste and estimated tonnages**

The plan indicates that the annual production of overburden and waste rock scheduled is 25,000 cu yds/year. While it is understood that this material can be sold if a market is found, until this market is found it will need to be stockpiled within the quarry. Please show the approximate location of this material. (DJ)

**106.5 Existing soil types, location, amount**

The Notice indicates that a soils survey will be completed in 2005. Until the results of this survey are submitted, soils information and plans cannot be evaluated. (LK)

**106.6 Plan for protecting & redepositing soils**

Refer to comments under R647-4-106.5. (LK)

**106.7 Existing Vegetation**

The Text refers to Table 106.3 (page 7) for a list of existing plant species. This table is a seed mix, not a list of existing species. Please correct. (LK)

**R647-4-107 - Operation Practices**

**107.5 Suitable soils removed & stored**

Refer to comments under R647-4-106.5. (LK)

**R647-4-109 - Impact Assessment**

**109.3 Impacts on existing soils resources**

This section cannot be evaluated until the soils survey is submitted. (LK)

**R647-4-110 - Reclamation Plan**

**110.2 Roads, highwalls, slopes, drainages, pits, etc., reclaimed**

Until such time as SITLA, with BLM permission, releases Holcim from the reclamation responsibility of the access road, the surety estimate should include the reclamation of this feature. (DJ)

**110.5 Revegetation planting program**

Under 'Seedbed Preparation', the plan indicates the use of 150 to 200 lbs. of Nitrogen fertilizer per acre. Past experience has shown that this type and rate of fertilizer will encourage weedy species at the expense of the desirable species. It is recommended that the use of biosolids or composted manure at a rate of 5-10 ton per acre be used instead of the nitrogen fertilizer. (LK)

Please provide a seed mix with the rate of seeding for each species in pounds of pure live seed (PLS) per acre). Seeding at a rate of 70 to 100 lbs/acre as proposed is not acceptable. Preferred seeding rate, depending on species used, would vary between 10 - 15 lbs/acre. Preferred seeding time should be between October 1 and December 15. Many species require cold treatment before they will germinate. Seeding in March will not allow sufficient time for this cold treatment; thus, it would be unlikely they would germinate the first year. (LK)

**R647-4-113 - Surety**

Please make any changes to the surety that may be necessary due to any changes made in the plan as a result of this review. (DJ)

Attachment: Seedmix